MIG™ LIF
Midline Guided Spine System

Why MIG LIF?

The ***Midline Image Guided Fusion (MIG™ LIF) Procedure*** was conceived by ***Scott Schlesinger, M.D.*** to provide a less invasive surgical alternative to his patients. ***Spine Wave*** is developing with Dr. Schlesinger unique spinal implants and instruments to enable the procedure's adoption and use by other spine surgeons so that they can offer the procedure's benefits to their patients.

What are the benefits of MIG LIF?

Fusion surgery through a keyhole incision. Surgeons using the Midline Image Guided Fusion (MIG™ LIF) Procedure can access the relevant spinal anatomy using a single midline incision of 15-20mm. This small single midline incision is used to perform a complete decompression, fusion and instrumentation procedure.

Why is MIG LIF important?

Patients prefer the least invasive solution possible to address their clinical problem. Surgeons using the Midline Image Guided Fusion (MIG™ LIF) Procedure can offer indicated patients a less invasive alternative to other conventional approaches to fusion surgery. The Midline Image Guided Fusion (MIG™ LIF) Procedure might facilitate the performance of some single-level fusion procedures in ***potentially less-expensive outpatient treatment settings***.

What is special about the MIG LIF surgical procedure?

Less Invasive. The Midline Image Guided Fusion (MIG™ LIF) Procedure uses a small (15-20mm) keyhole incision.

A Complete Procedure. The Midline Image Guided Fusion (MIG™ LIF) Procedure permits decompression, fusion and implantation of spinal implants through its small incision.

Innovative Technology. The Midline Image Guided Fusion (MIG™ LIF) Procedure uses cutting-edge spinal implant technologies from Spine Wave to help realign and stabilize the spine while healing occurs:

- The ***Velocity™*** expandable interbody device
- ***Sniper® XT Spine System*** extended tab screws in a midline trajectory
- ***MIG™*** Rod

Conditions Treated

Degenerative Disc Disease including spondylolisthesis with objective evidence of neurologic impairment, fracture, dislocation, scoliosis, kyphosis, spinal tumor, and failed previous fusion (pseudoarthrosis)

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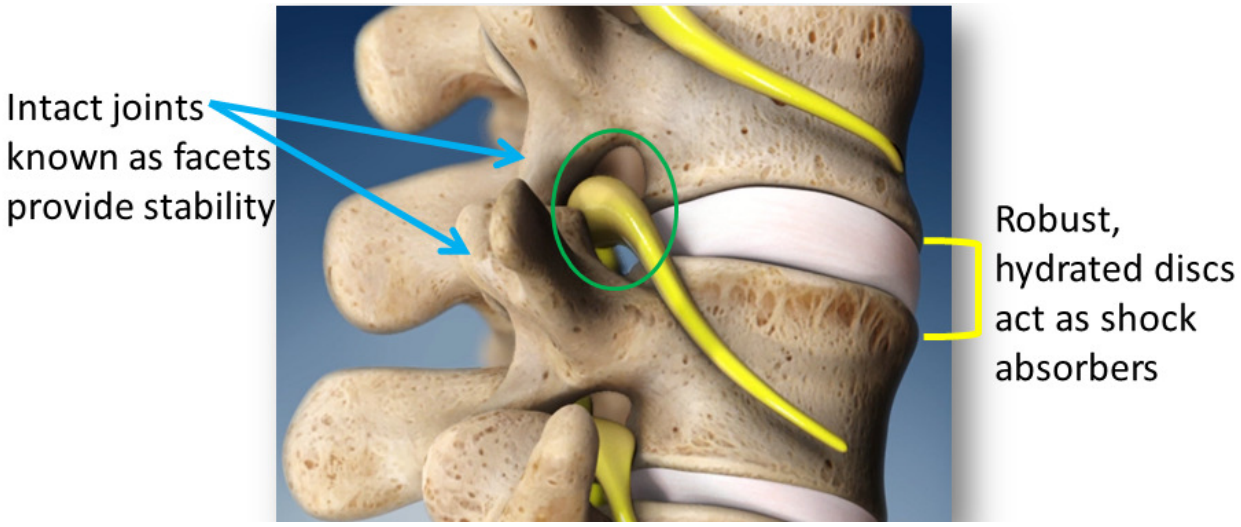
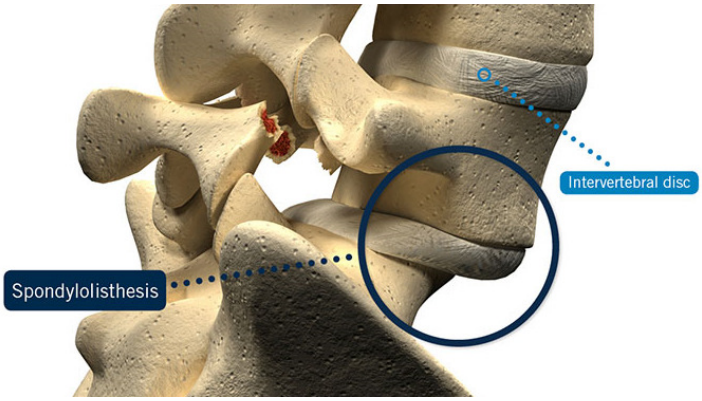
MIGLIF™
Midline Guided Spine System

A Healthy Spine



A healthy spinal segment above allows ample room for nerves

Why the Pain?



A Crack in the Foundation – *years of degeneration may cause a slip of one bone (vertebra) over the one below, known as spondylolisthesis*

This slip, among other factors, may lead to compressed or damaged nerve roots causing debilitating back pain combined with tingling, numbness, or even additional pain that radiates to the buttocks, legs, and feet

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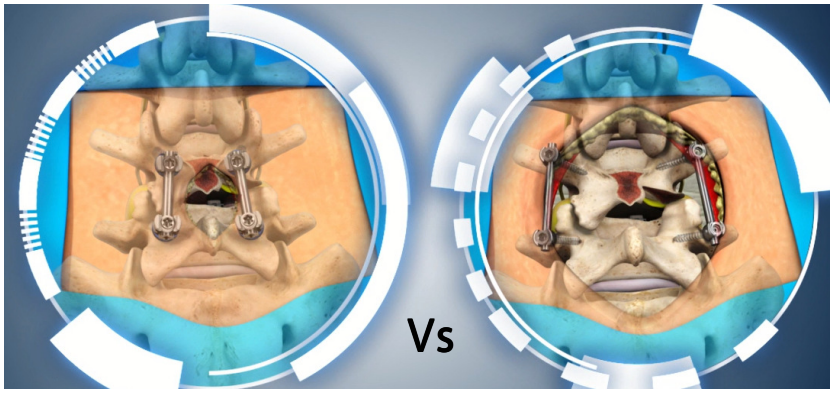
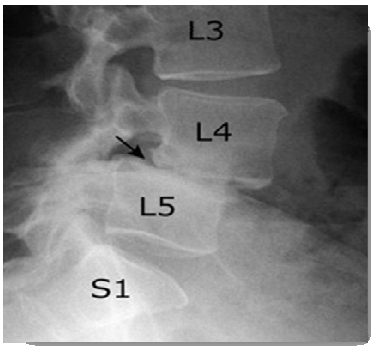
The Midline Image Guided Fusion (MIG™ LIF) Procedure



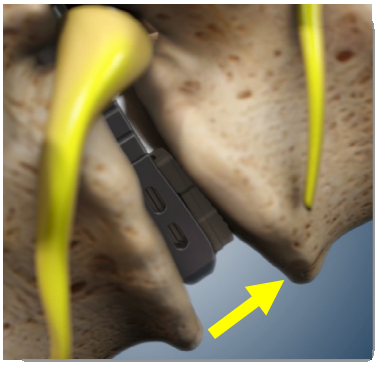
MIG LIF *utilizes a 15 – 20 mm incision compared to traditional techniques, commonly needing 3x the size*

Spine Wave's Velocity™ Expandable Interbody Device

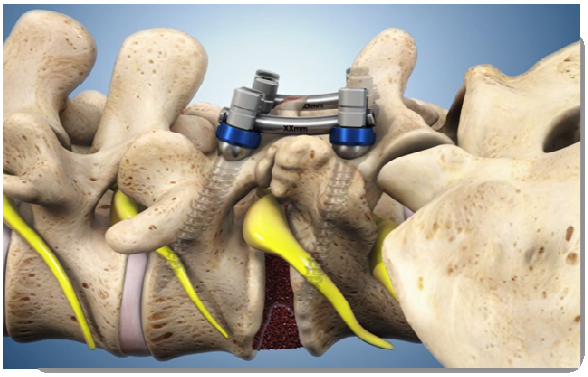


L4 – L5 Spondy leading to Compressed Nerve Root

Insert and then expand the Velocity interbody device



L4 – L5 Distracted freeing up compressed nerve



MIG LIF – *a minimally invasive procedure designed to restore proper disc height & alignment of the spine*

About Spine Wave

Spine Wave is focused on commercializing technology platforms that offer meaningful surgical solutions for spine surgeons and their patients. Spine Wave's broad product portfolio includes unique expandable technologies and a full complement of less invasive surgical solutions. ***More information about Spine Wave is at www.spinewave.com***.

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